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## Bolig 2020 med godt indeklima og høj brugerkomfort – Radon Målerapport

Jønsson, Kim Trangbæk; Heiselberg, Per; Jensen, Rasmus Lund

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Unspecified

*Publication date:*  
2020

*Document Version*  
Publisher's PDF, also known as Version of record

[Link to publication from Aalborg University](#)

*Citation for published version (APA):*

Jønsson, K. T., Heiselberg, P., & Jensen, R. L. (2020). *Bolig 2020 med godt indeklima og høj brugerkomfort – Radon Målerapport*. Department of Civil Engineering, Aalborg University. DCE Technical Reports No. 294

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**DEPARTMENT OF CIVIL ENGINEERING**  
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**Kim Trangbæk Jønsson  
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Aalborg University  
Department of Civil Engineering  
Division of Architectural Engineering

**DCE Technical Report No. 294**

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by

Kim Trangbæk Jønsson  
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July 2020

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Published 2020 by  
Aalborg University  
Department of Civil Engineering  
Thomas Manns Vej 23  
DK-9220 Aalborg E, Denmark

Printed in Aalborg at Aalborg University

ISSN 1901-726X  
DCE Technical Report No. 294

# 1. Introduction

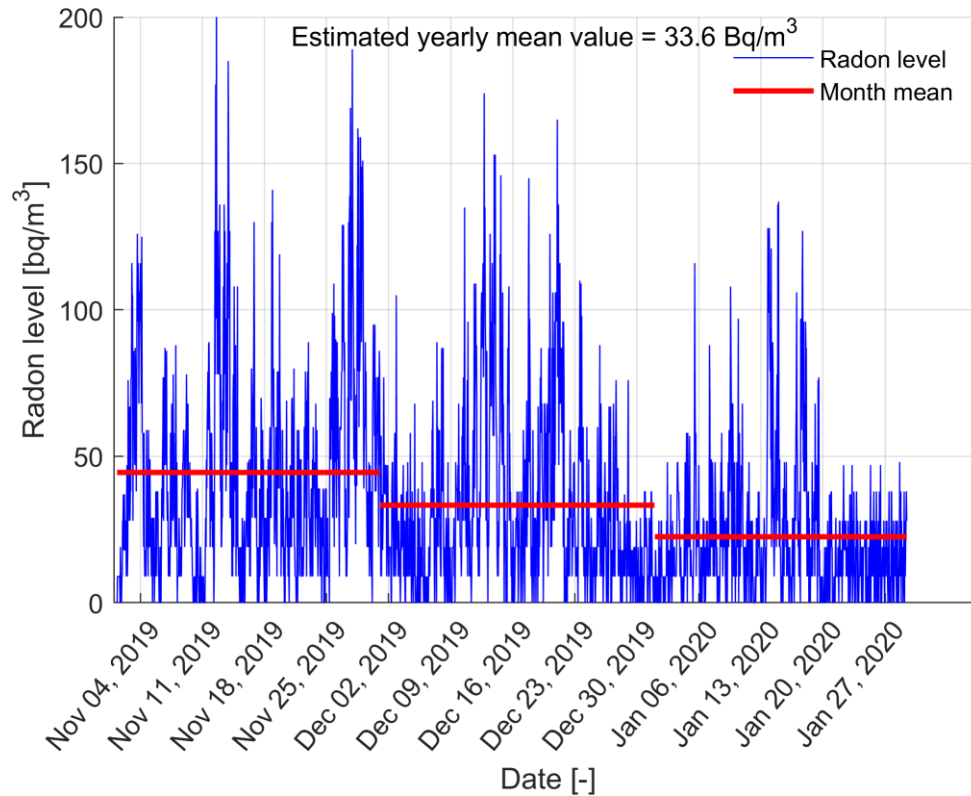
The purpose of this report is to register radon level of the project building Bolig 2020 for a winter period, from November 2019 to January 2020. The building is located in Kildebjerg Søvej 32, Ry.

The data registration is taking place every hour in the walkin next to the master bedroom. The data is measured with a Corentium Pro and follows the guidelines in “SBI-Anvisning 270 - Måling af radon i bygninger” for placement. The measurements are conducted over a period of 90 days.

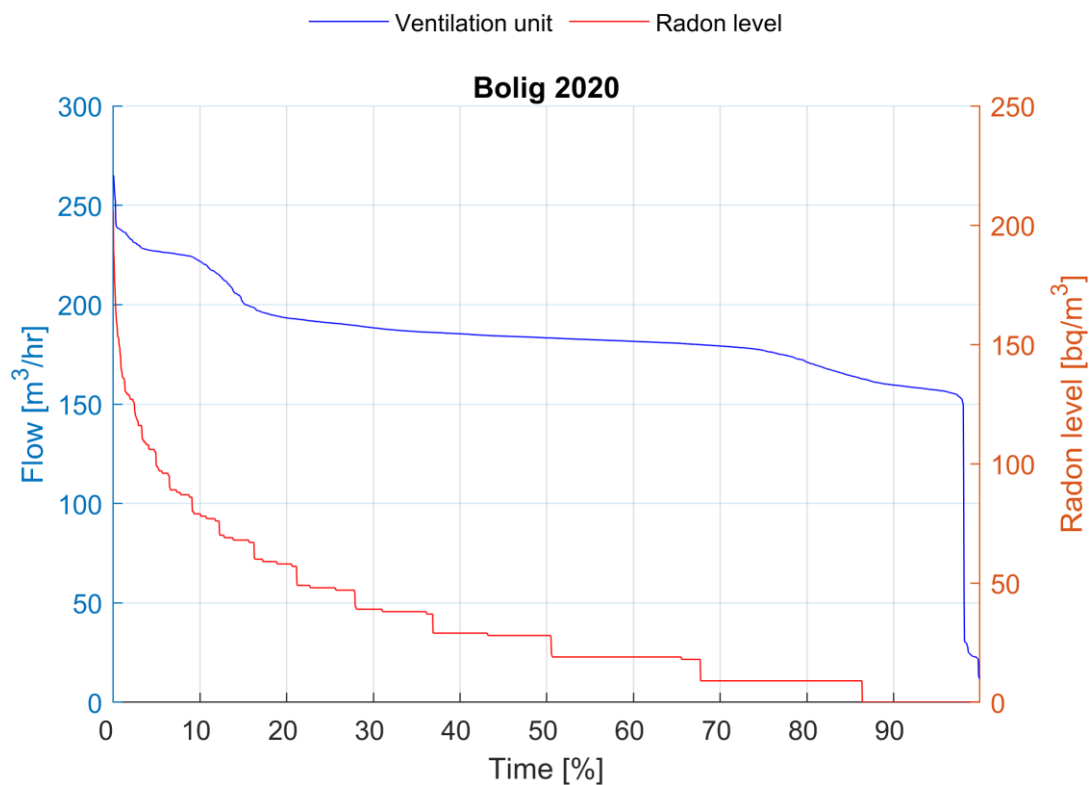
Comments

## 2. Radon level

The estimated yearly average radon level is 33,6 Bq/m<sup>3</sup> calculated according to “SBI-Anvisning 270 - Måling af radon i bygninger” and the building regulation. The demand from the building regulation for the estimated yearly average radon level is 100 Bq/m<sup>3</sup>.



**Figure 2.1:** Radon level with month mean levels



**Figure 2.2:** Cumulative ventilation flow compared to the radon level

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